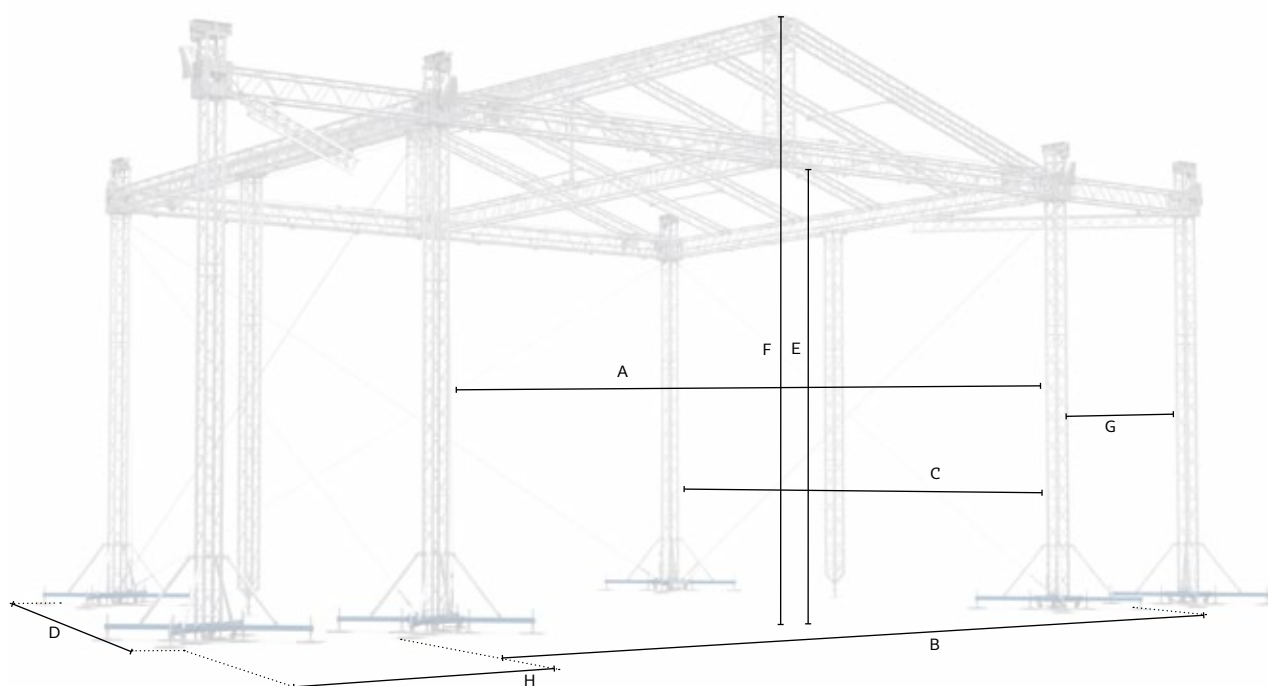


# MR2 saddle roofs

- MR2 Saddle Roof structure for temporary events
- MT1 self-climbing towers 10x6 (32.81x19.69 ft), 10x8 (32.81x26.25 ft), 12x10 (39.37x32.81 ft) options available
- Fast connection for quick, simple and secure assembly
- Operate with manual chain block or electric chain hoist (bracket required)
- Supplied complete with internal wind bracing wires & connection accessories
- Full structural calculation report & build manual available
- PVC roof colour and side wall options
- Integrated tower base / stage components available
- PA wing options available on request

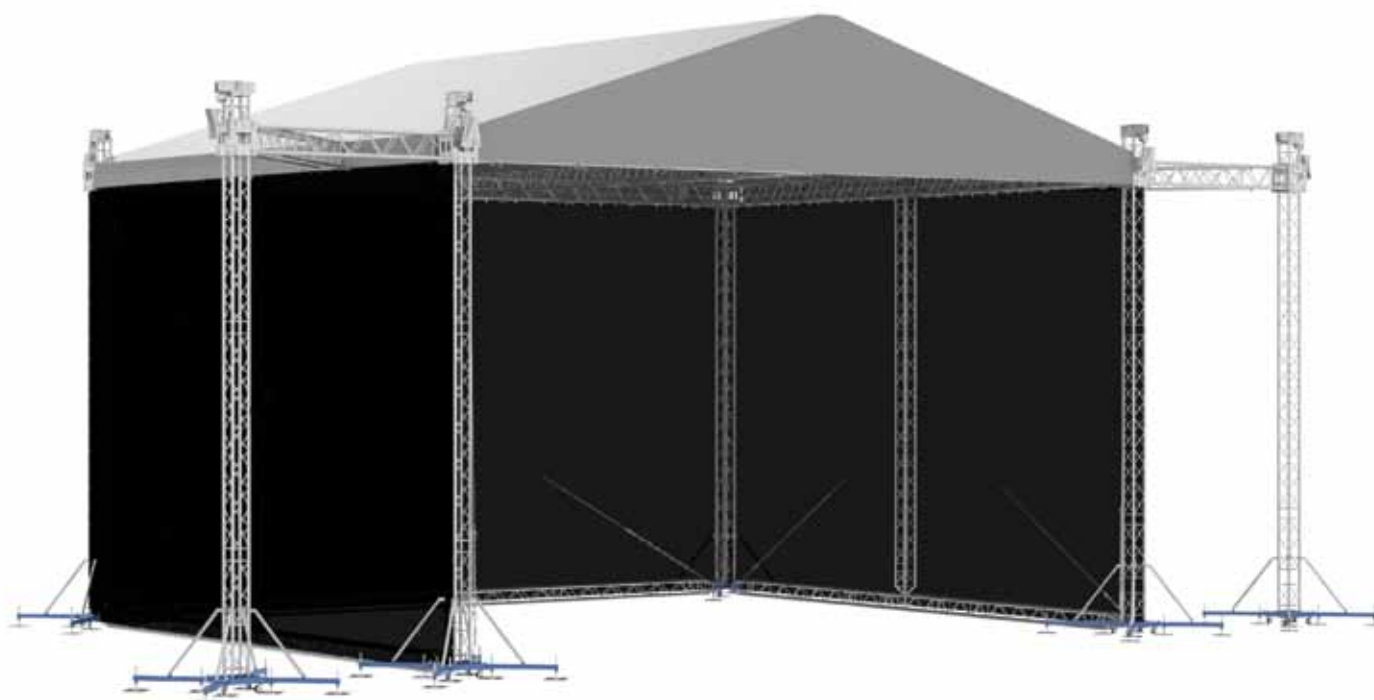


## Technical specifications

		Stage size >	12x10 m 39.37x32.80 ft)	10x8 m 32.80x26.25 ft)	10x6 m 32.80x19.70 ft)
Dimensions	A	Internal width	12.30 m (40.35 ft)	10.42 m (34.19 ft)	10.42 m (34.19 ft)
	B	Overall external width	14.64 m (48.03 ft)	12.74 m (41.80 ft)	12.74 m (41.80 ft)
	C	Internal depth	10.60 m (34.78 ft)	8.65 m (28.38 ft)	6.65 m (21.82 ft)
	D	Overall external depth	12.99 m (42.62 ft)	10.97 m (35.99 ft)	10.97 m (35.99 ft)
	E	Clearance	7.12 m (23.36 ft)	7.12 m (23.36 ft)	7.12 m (23.36 ft)
	F	Overall height	9.43 m (30.94 ft)	9.14 m (29.99 ft)	9.14 m (29.99 ft)
	G	PA wing - internal width	3.15 m (10.33 ft)	3.15 m (10.33 ft)	3.15 m (10.33 ft)
	H	PA wing - overall external width	3.44 m (11.29 ft)	3.44 m (11.29 ft)	3.44 m (11.29 ft)

## Loading capacity

		Stage size >	12x10 m (39.37x32.80 ft)	10x8 m (32.80x26.25 ft)	10x6 m (32.80x19.70 ft)
Loading capacity	Main grid	Uniformly distributed (UDL)	3480 kg (7665 lbs)	2160 kg (4758 lbs)	1920 kg (4229 lbs)
		Point loads 8x400kg + UDL total	4600 kg (10132 lbs)	4140 kg (9119 lbs)	3980 kg (8767 lbs)
	PA wing	Central Point load (CPL)	1500 kg (3304 lbs)	- kg (- lbs)	- kg (- lbs)
	Cantilever	Point load (CPL)	- kg (- lbs)	150 kg (330.4 lbs)	150 kg (330 lbs)
* See structural report for exact load positioning					



## Operational Specifications

Design standards	DIN EN 13814 (2005) DIN 1055-4 DIN 4113 DIN 18800 • All of our structures are produced under EN 1090 EXC2 as standard and include the necessary guy wires, instruction manual and engineering report	Fairground and amusement park machinery and structures Actions on structures / wind Design of aluminium structures Design of steel structures
Wind management	In service * Calculations based on 100% closed side canopies * Side canopies to be removed above this wind speed if not considered Out of service Training recommended	17.8m/s - 64km/h - 40mph (Max. gust wind speed)  29.6m/s - 106km/h-66mph (Max. gust wind speed)
Ballast	This can vary per tower from 200kg / 440lbs up to 5300kg / 11674lbs and depends on: • If tower bases are interconnected or free standing • Layout of canopies • Self-weight of load or interconnected stage is considered (Might be deducted from ballast under certain conditions) • Friction material used between screw jacks, padding and sub soil	
Canopy & sidewalls	B1 fire retardant canopy on request, single piece format or keder profiles Silvergrey, other colors or inside black on request B1 fire retardant side nets in compliance with latest Eurocodes	
Customized	Customisation (i.e. truss configuration, alternative dimensions, roof adjustability) upon request	

## Transportation data

	Stage size >	12x10 m (39.37x32.80 ft)	10x8 m (32.80x26.25 ft)	10x6 m (32.80x19.70 ft)
Self-weight	* Exact self-weight depends on configuration	2100 kg (4626 lbs)	1950 kg (4295 lbs)	1785 kg (3932 lbs)
Transport volume	* Packed in carton boxes and bubble foil	30 m³ (1060 ft³)	25 m³ (882 ft³)	20 m³ (706 ft³)